



**August A. Busch Memorial Conservation Area
Powder Valley Conservation Nature Center
Rockwoods Reservation**



Making Tracks

August 2002 *Volume 02, Number 08*

**National Hunting and Fishing Day
September 28, 2002
*A Celebration of Traditions and Memories***

by Tony Legg, Training Center Supervisor

September 28 marks the 31st annual National Hunting and Fishing Day in America. Congress and President Nixon established NHF Day to recognize generations of outdoor sportsmen for the time and money they have donated to wildlife conservation programs. This totals over \$2.2 billion and uncounted hours of work on habitat improvement and other environmental projects. These contributions have led to the dramatic recovery of many species that have never been hunted, from chipmunks and panthers, to songbirds and eagles, as well as game species such as the white-tailed deer and wild turkey. This year's celebration focuses on the values and enjoyment associated with the outdoors.

Missouri and its people have been on the forefront in the work towards wildlife and the environment. During 1890's to 1930's, early grass root movements by sportsmen and clubs from the St. Louis area worked hard for development of a state Conservation Agency. This conservation movement led to the passage of a constitutional amendment by the Missouri voters in 1936 for the creation of the Conservation Department. Then again in 1976 the voters of Missouri seeing the value added to our lives and looking to the opportunities for our future generations, passed the 1/8 of 1% sales tax for conservation called The Design for Conservation. Missouri is considered the leading state in how conservation should be run and how it works. Countless national news and magazine articles praise our state and its people's foresight for its program and now other states are trying to model their programs after ours.

For me, our state outdoors brings a multitude of strong memories, traditions, and passions. Throughout my life, my strongest memories come from time spent outdoors with family and friends. Traditions created by sitting quietly in the woods waiting for a wary tom to come by or squirrels to start moving and giving their locations away, all the while listening to the multitude of sounds from the nature around me and the beauty the forest provides. Sometimes it was watching our dogs running and working a field for quail, rabbits, and pheasants. Hiking and camping, being taught about nature from my grandfather and passing that knowledge onto my wife and daughter brings great joy to my life. Memories of gathering nuts for treats, blackberries and gooseberries for my grandma's pies and cobbles, persimmons for pudding, or sassafras root for tea will always bring a smile to my face.

When I think of these memories, my connection to family is stronger than ever and a lump builds in my throat for what was with my grandparents and what is now with my family. These strong memories, traditions and passions don't come from a TV or video games; they come from personal interactions with the outdoors, something that adds so much value to my life. So this year re-connect with those memories and traditions yourself and create new memories, traditions, or start a passion in your own children, grandchildren, deserving neighborhood child. Grab a new Conservation Connection publication with its maps and accesses in the region, a conservation atlas, conservation guide, visit a nature center, public land, or just revisit those areas that brought so many memories before, but get out and visit what you and other Missourians have given to the future.



News from

Powder Valley Conservation Nature Center

You have probably heard the saying, "Wild animals don't make good pets". It's a concept the Conservation Department preaches constantly. You may have even read our brochure about it. But, have you ever thought of it in reverse?

The animals people have domesticated as pets should not be "set free." Ever. There are many examples of why releasing domestic animals is not a good idea. Since they have never had to make it "on their own," they often don't do well. They don't know how to find their basic needs of food, shelter, and water. Their bodies may not be used to extreme weather if they've been living inside for the most part. They are easy prey since they don't know how to fend off predators. They may be hit by a car if they are left in unfamiliar surroundings. If they do survive, they can spread disease or out-compete native species in their ranges.

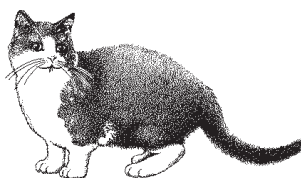
Unfortunately Powder Valley, and many of our other Conservation Areas, have been the dumping grounds for unwanted pets. From dogs and cats to goldfish! Dogs tend to chase wildlife and search out people trying to get a meal. Many times an owner is never found. Cats kill birds and small mammals and leave them to rot. Goldfish dumped into our ponds eat the frog and toad eggs and tadpoles there, greatly affecting the populations. All of these animals have to be caught or trapped to be removed. Homes cannot always be found for them.

Next time you are thinking about wild animals as pets, consider the reverse, too. Pets don't make good wild animals.



Why Pets Don't Make Good Wild Animals

by *Tamie M. Yegge,*
Nature Center Manager



**11715 Cragwold Road
Kirkwood, MO 63122
(314) 301 - 1500**

LOCATION:

From I-44 east in Kirkwood, take Watson Road, exit and turn north on Geyer Road. Follow Geyer Road 200 yards to Cragwold Road. Go 1 mile west on Cragwold Road.

AREA HOURS:

Daylight Saving Time:
8 a.m. to 8 p.m.
Central Standard Time:
8 a.m. to 6 p.m.

NATURE CENTER HOURS:

Open all year, 7 days a week,
from 8 a.m. to 5 p.m.

GIFT SHOP HOURS:

Open all year, 7 days a week,
from 8 a.m. to 4:30 p.m.

ABOUT THE AREA:

112 acres of forestland and winding creeks, three hiking trails (one wheelchair accessible). Open to visitors free of charge.



Resident Artisan

Wildlife Portraits Workshop

Jim Marshall

Saturday, August 10

(Ages 10-16) 10:30 a.m. - 11:30 a.m.

(Adults) 1:00 p.m. - 2:00 p.m.



Powder Valley is proud to welcome artist Jim Marshall, who will be conducting two wildlife portrait workshops. Jim studied drawing and painting at Webster University and has taught art in the St. Louis Public Schools, St. Louis County Continuing Education Program and at the St. Louis Art Museum. His drawings are inspired from direct observation, personal photographs and nature photographs he has collected. Don't miss this opportunity to learn to draw wildlife portraits.

Be sure to visit Jim Marshall's Hallway Exhibit at Powder Valley during August.

(Reservations begin July 26.)

Powder Valley Gift Shop

Check out our
Walking Sticks
by *Ancient Graffiti*.

Each stick has a
rawhide handle.
Some are decorated
with tree I.D.'s, bird
I.D.'s or mammal
track I.D.'s painted
on the side.
Price: \$25.00

News from

Rockwoods Reservation

SNAKE MYTHS

by Tom Meister, Interpretive Programs Supervisor

Although most people in Missouri have had some biology courses while they were in school, it is amazing how many myths about snakes persist. Perhaps because snakes are so different from us there has been a tendency for people to believe fantastic stories about these reptiles. The following snake myths are still prevalent in Missouri. There is no biological evidence to support any of these beliefs, but when it comes to snakes, some people have difficulty separating truth from fiction.

Myth: Snakes are slimy.

Truth: Snakes have tough dry skin that protects them from the harsh life as a land-dwelling animal. Amphibians (frogs and salamanders) have moist or slimy skin, not reptiles.

Myth: Snakes cannot bite while underwater.

Truth: Snakes can and do bite underwater - that's how they capture aquatic prey. Water snakes and the venomous cottonmouth are able to defend themselves while underwater.

Myth: Hoop snakes dwell in Missouri.

Truth: People may claim to have seen a snake grab its tail in its mouth and roll along the ground like a hoop. This has never been documented nor is it possible for any snake to do this.

Myth: A snake will swallow young snakes to protect them.

Truth: No species of snake has this ability. Any snake swallowed by another will quickly die inside the stomach due to lack of oxygen and strong digestive juices.

Myth: Snakes can drink milk from a cow.

Truth: This falsehood probably originated in areas where kingsnakes and rat snakes enter barns and farm sheds to search for mice. Milk from a cow is not a natural food of any reptile. It is likely snakes do not have the proper enzymes to digest milk. Also, the many small, sharp teeth in a snake's mouth would hinder their ability to drink milk from a cow.

SNAKE FACTS

There are 50 species and subspecies of snakes in Missouri.

Only 5 species are considered venomous in Missouri: Copperhead, Cottonmouth (Water Moccasin), Timber Rattlesnake, Pygmy Rattlesnake and Massasauga Rattlesnake.

Only the Copperhead and Timber Rattlesnake are found in the St. Louis area.

About half of Missouri snakes species lay eggs; the rest give birth to live fully developed young.

The smallest snake native to Missouri is the Flathead, which averages 7 to 8 inches. The largest is the Bullsake, which averages from 50 to 72 inches.

The Hognose snake has the ability to hiss loudly and spread its neck like a cobra, if this does not work to defend its self it can roll over and play dead.

Kingsnakes (Prairie and Speckled) eat other snakes including venomous species, and are immune to the venom of Copperheads, Rattlesnakes and Cottonmouths.

The biology and natural history of Missouri snakes are both interesting and fun to learn. Snake myths and misunderstandings make colorful stories, but should not be confused with scientific facts. Attend a snake program at Rockwoods this month or stop by and visit our snake exhibit in our classroom to learn more facts about these fantastic mythical creatures of Missouri.



Become A Young Rockwoods Ranger By Attending Our Theme Week!

Students that attend all three programs will be awarded certificates of completion and will be added to our Rockwoods Rangers list! See program page for more information.

**2751 Glencoe Road
Wildwood, MO 63038
(636) 458 - 2236**

LOCATION:

From I-44, take Hwy 109 (Eureka exit) north 4 miles to Woods Avenue; left on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

From Hwy 40 (I-64), take Clarkson Road south to Manchester Road; right (west) on Manchester to Hwy 109; left (south) on Highway 109, 2 miles to Woods Avenue; right on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

From Manchester Road, take Hwy 109 south 2 miles to Woods Avenue; right on Woods Avenue, and immediately right on Glencoe Road; follow signs.

AREA HOURS:

Sunrise until 1/2 hour after sunset.

VISITOR CENTER HOURS:

Open seven days a week during the months of March, April, May, June, September and October, from 8 a.m. to 5 p.m. The Visitor Center will be closed on weekends during the months of July, August, November, December, January and February.

ABOUT THE AREA:

All facilities are free to the public including:

- *Education Center with exhibits and interpretive programs.
- *1,898 acres of rugged, mostly hardwood forested land interspersed with springs and streams.
- *Three picnic areas (all with charcoal grills) two with drinking water, tables, and one with toilets.
- *Seven trails (one is self-guided and wheelchair accessible) totaling more than 10 miles.

How to register for an AUGUST program

Reservations are required unless otherwise specified. Reservations will be taken Monday through Friday from 8:00 a.m. to 5:00 p.m. Programs are intended for individuals and families only. If you are unable to attend a program, please call and cancel your reservation as a courtesy to those on our waiting list. Please limit requests to two programs per month, with only one to include an Ages 3-6 program. **Please be prompt. Arrival after 10 minutes may exclude you from the program.** Interpreting services are available for people with hearing loss with five days advance notice.

ROCKWOODS

For reservations, call (636) 458 - 2236

Nature Art Week

(Ages 7-12) Learn how to take ordinary things from around the house and the outdoors and learn how to make extraordinary art for your home or garden.

5 Natural Tye-Dye

10:00 a.m. - 11:30 a.m.

*Bring your own T-shirt to naturally Tye-Dye

7 Mosaic Stepping Stones

10:00 a.m.- 11:30 a.m.

*Bring gloves and any broken plates, tiles, etc to make your own stepping stone for the garden.

9 Trash to Art

10:00 a.m. - Noon

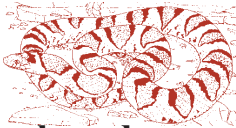
*Just bring yourself.

(Reservations begin July 22.)

14 Snakes of Missouri

Wednesday 10:00 a.m. - 11:30 p.m. &
3:00 p.m. - 4:30 p.m.

(Families) As the cities and suburbs continue to grow, human encounters with snakes are bound to increase. These animals play an important role in the natural world as both predator and prey. We will learn about the snakes of Rockwoods and you will have an opportunity to handle a live snake! (Reservations begin August 1.)



18 Snakes In Your Backyard

Sunday 1:00 p.m. - 2:30 p.m.

(Ages 8 & up) As individuals move further west of the city they begin to build homes in snake habitats. Discover what type of habitat different snakes prefer as well as how to identify them. Learn the importance of snakes and how to live in harmony with them. (Reservations begin August 5.)

21 Night Sounds of Summer

Wednesday 7:00 p.m. - 9:00 p.m.

(Families) Join us around the campfire as we investigate the sounds of summer. As your knowledge expands, your night sound experience will soon become one of pleasure instead of fear. (Reservations begin August 7.)

22 Caves of Missouri

Thursday 10:00 a.m. - 11:30 p.m. &
1:00 p.m. - 2:30 p.m.

(Ages 10 & up) Learn about the caves of Missouri by exploring Rockwoods Crawl Cave. Wear clothes you don't mind getting dirty with long sleeves and long pants and bring a flashlight. Helmets are provided. (Reservations begin August 8.)

SOULARD OUTDOOR TEACHER RESOURCE CENTER

For reservations, call (314) 231-3803

29 What's Eating You?

Thursday Noon - 2:00 p.m.

(Homeschool) Buzzzzzz Smack!!! Learn about what bugs like to eat you and what actually makes you itch. We will make a bug box to take home. Please, one bug box per family. (Reservations begin August 19.)

29 What's Bugging Your Lights?

Thursday 6:30 p.m. - 8:30 p.m.

(Families) Learn all about the insects that buzz around the lights at night and also learn about the predators that count on those lights for dinner! We will make a bug box to take home then do our own bug investigation. Please, one bug box per family. (Reservations begin August 19.)

Jay Henges Shooting Range

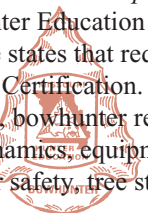
For reservations, call (636) 441-4554

23&24 Bowhunter Education

Friday Evening 6:00 p.m. - 9:00 p.m.

Saturday 9:00 a.m. - 5:00 p.m.

The Missouri Bowhunter Education Course meets the requirements for those states that require mandatory Bowhunter Education Certification. Program consists of history of bowhunting, bowhunter responsibilities, hunt preparation, arrow dynamics, equipment, hunting techniques, bowhunter safety, tree stand set-up and tracking techniques.



BUSCH AREA

For reservations, call (636) 441 - 4554

10 Let's Go Catfishin'

Saturday 6:30 p.m. - 9:00 p.m.

(All Ages) Bring your favorite catfish bait, bait recipe, and fishing pole (loaner poles available) and we'll have fun doing some catch and release catfishin'. If you have never been catfishin', now is the time to learn! Bait recipes will be shared with the group. (Reservations begin July 26.)



13 Hummzingers!

Tuesday 9:30 a.m. - 10:30 a.m. &
11:00 a.m. - Noon

(Ages 3-6) What creature can do ariel acrobatics and takes part in "dogfights" right before your eyes? It's not the Red Baron: it's the Ruby-throated Hummingbird! Learn all about hummingbirds and make a feeder to take home. (Reservations begin July 30.)

21 Sun Pictures

Wednesday 10:00 a.m. - 11:00 a.m.

(Ages 7-12) Did you know the sun can make a picture for you? We'll study the different shapes of flowers and leaves, then let the sun make a picture of them. (Reservations begin August 7.)

23 Beetlemania

Friday 6:30 p.m. - 8:30 p.m.

(All Ages) It's the Beetles!! Have a groovy time learning about some "famous" beetles. We'll see beetles, hear beetle songs, drink beetle juice, play beetle games and more. (Reservations begin August 9.)

Busch Shooting Range

For reservations, call (636) 441 - 4554

1 Intro to Shotgun Shell Reloading

Thursday 6:00 p.m. - 9:00 p.m.

This program discusses reasons for reloading, equipment needed and types on the market. Participants must be over 18, youths 13-17 may attend with an adult.

3 Intro to Archery

Saturday 9:00 a.m. - 2:00 p.m.

This course is designed for the person who wants to know the basics of archery and is open to all participants.

9&10 Black Powder Program

Friday 6:00 p.m. - 9:00 p.m.

Saturday 8:00 a.m. - 10:00 a.m.

Learn the basics. Day two is conducted on the range. Participants must be 18 or attend with an adult.

10 Bowhunter Education

Saturday 9:00 a.m. - 4:00 p.m.

This course meets the requirements for states with mandatory Bowhunter Ed. Certification. Students between 11-15 years of age must attend with an adult.

11 Knife Care & Maintenance

Sunday 5:00 p.m. - 8:00 p.m.

Basic safety, construction materials, blade designs, maintenance and edge sharpening will be discussed. Participants must be 18 or attend with an adult.

15 Metallic Cartridge Reloading

Thursday 6:00 p.m. - 9:00 p.m.

Program discusses reasons for reloading and equipment needed. Participants must be 18, youths 13-17 may attend with an adult.



17 Women's Beginning Trap & Skeet

Saturday 8:15 a.m. - 12:30 p.m.

Designed for women wanting to get into an accuracy sport. Participants must be 18, youths 13-17 may attend with a female adult.

22 Archery Equipment Maintenance

Thursday 6:00 p.m. - 9:00 p.m.

Everything an archer needs to know for proper equipment maintenance. Participants must be 18 or attend with an adult.

24 Women's Firearms Training

Saturday 8:00 a.m. - 3:00 p.m.

This course is designed to introduce today's woman to the basics of firearms for knowledge, sport/target shooting or hunting. Participants must be 18 or attend with a female adult.

POWDER VALLEY

For reservations, call (314) 301 - 1500

3 Where the Bison Roamed

Saturday 10:00 a.m. - 11:30 a.m. &
1:00 p.m. - 2:30 p.m.

(Families) Discover the bison through crafts and the story of Lewis and Clark's Corp of Discovery expedition. (Reservations begin on July 19.)



10 Wildlife Portrait Workshop

Saturday (Ages 10-16) 10:30 a.m. - 11:30 a.m.
(Adults) 1:00 p.m. - 2:00 p.m.

Experience the fun of learning the art of drawing wildlife portraits from Resident Artisan Jim Marshall. (Reservations begin July 26.)

10&24 Summer Hummingbirds

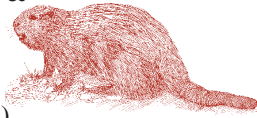
Saturday 10:00 a.m. - Noon

(All ages) Watch as hummingbird bander, Larry Chambers, captures, measures, bands and releases these birds. Bring your camera and binoculars. Banding sessions may be cancelled in case of heavy rain. (No reservations necessary.)

13 Animal Tails

Tuesday 10:00 a.m. - 10:45 a.m. &
11:15 a.m. - Noon

(Ages 3-6) Did you ever wonder why an animal has a particular kind of tail? Come find out why! (Reservations begin July 30.)



14 Beginning Birding

Wednesday 10:00 a.m. - 10:45 a.m.

(Ages 3-6) Join us to learn about the birds in your yard and hike a trail. (Reservations begin July 31.)

17&24 Identification of Common Missouri Trees

Saturday 9:00 a.m. - 10:30 a.m.

(Adults) We walk a trail and identify our common trees and discuss their uses. (Reservations begin August 2 and August 9, respectively.)

21 HOME SCHOOL PROGRAMS

Wednesday 10:00 a.m. - 11:30 a.m.

Little Seedlings

(Ages 3-6) How does a tree grow? From seed to root to shoot and beyond! Discover the process through story, craft and song. (Reservations begin August 7.)

If a Tree Could Talk

(Ages 7-12) If a tree could talk, what story would it tell?

Learn to read the rings of a tree. (Reservations begin August 7.)

23 Folk Songs by Firelight

Friday 7:00 p.m. - 9:00 p.m.

(All Ages) Come sing folk tunes with a conservation message around the campfire. Bring flashlights. Will be held indoors if inclement weather. (Reservations begin August 9.)

Check It Out!

Would you like to explore nature with your scouts or kids with the equipment, materials and information you need to do so? Check out our Discovery Backpacks. They are filled with activities, identification guides, booklets and brochures that will help you explore nature at Powder Valley.

The following backpacks are available for loan:

Cub Scouts

Contains materials & info for these badges:

Webelos Forester Badge

Webelos Naturalist Badge

Brownies

Contains materials & info for these Try-It activities:

Earth and Sky - Can You Dig It?; Sky Watching; Hot Time

in the Sun; Creatures of the Air

Eco-Explorer - Exploring Nature; What's a Habitat;

Helping Wildlife; Food Chain

Birds

Contains bird identification guides, binoculars and related activities.

Trees

Contains tree identification guides, twig identification kit and related activities.



Backpacks are free and available at the front desk during nature center hours on a first-come, first-served basis. They can be used at Powder Valley for up to two hours.

News from **August A. Busch** Memorial Conservation Area

What's huge, bright green and covered with horns? It's a Hickory horned devil! The Hickory horned devil is a giant caterpillar that makes its appearance about this time of year. Although these devils may look menacing, they are actually harmless.

You can identify a Hickory horned devil by its bright green color and large size of five to six inches in length. It also has large, red and black horns or spines at the front of its body and several smaller black ones along its length. The spines in many caterpillars can sting, and although the Hickory horned devil has sharp spines that may prick, they will not sting.

Like other caterpillars, the Hickory horned devil spends most of its time foraging. It will eat the leaves of hickories, walnuts, persimmons, sumacs, sweet gums as well as other forest trees. If you look closely, you might have one in your backyard, especially if you have their food plants.

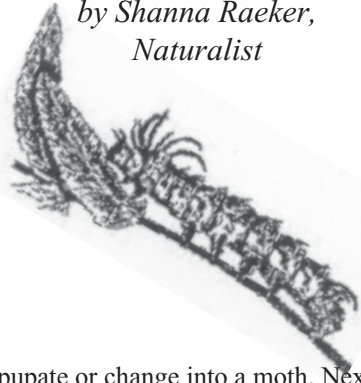
At the end of the summer, the Hickory horned devil will begin to pupate or change into a moth. Next June, a Regal moth will emerge. The Regal moth is a large moth that is orange and yellow. It can often be seen in the evenings near lights where other moths gather. As an adult, the Regal moth will mate and lay eggs and the entire process begins again.

Even though the Hickory horned devil looks like something out of a horror film, it is truly a delight to see one. If you find one of these caterpillars in your yard, you can tell all of your friends about your visit with a devil, the Hickory horned devil that is!



What Are These Devils Anyway?

by Shanna Raeker,
Naturalist



**2360 Highway D
St. Charles, MO
63304
(636) 441 - 4554**

LOCATION:

From Hwy 40, take 94 south to Hwy D; turn west on D for approx. 1 mile.

From I-70, take 94/First Capitol exit; turn south on Hwy 94 to Hwy D; turn west on D for approx. 1 mile. The area entrance is on the north side of Hwy D.

HOURS:

Area is open from 6 a.m. until 10 p.m. See area regulations for special hunt hours. Fishing hours are from 6 a.m. until 9 p.m. Rental boats are available April 1 through September 30. The office is open Monday through Friday from 8 a.m. until 5 p.m. and Saturday and Sunday from 8 a.m. until 4 p.m. It is closed some state holidays.

ABOUT THE AREA:

6,987 acres with 32 lakes and 40 ponds totaling 526 acres of water for fishing. There are six viewing blinds (two are wheelchair accessible), seven hiking trails totaling 5 miles, picnic area, staffed firearms range, and fishing jetties (some are wheelchair accessible). The area has interpretive programs, exhibits, demonstration sites and is used by bicyclists.

On August 23 from 6:30 p.m. to 8:30 p.m. we'll be exploring the diversity of beetles at our program, "Beetlemania."

We'll have beetles, beetle songs, beetle juice, beetle games and more.

Be sure to call in your reservation so we can "Come Together"!

See program page for more information.



Let's Hear It For - **THE BEETLES!**

by Kathy Thiele, Naturalist

It's not John, Paul, George or Ringo but it IS ladybugs, fireflies, tiger beetles and weevils. With over 300,000 known species in the world, beetles are the most successful animals on earth, even more successful than, well - THE BEATLES. The order to which beetles belong, *Coleoptera*, is the largest of all insect orders and the largest order of animals in the world. In fact, one fifth of all organisms are beetles.

Beetles owe their success in large part to their differing body forms that have allowed them to adapt to almost any habitat. They can range in size from 0.35 mm (less than 1/50th of an inch) to 130 mm (5 inches) long. They can be round or long and slender, and they can be bright green, red, yellow, or almost any other color. They can be found in rainforests and deserts, rivers and mountains, hot springs and freezing cold. Their diversity is astounding!

One thing most all beetles have in common though is *elytra*. These are their leathery forewings that cover up and protect their more fragile hind wings and most of the insect's upper body. Because of this feature, Aristotle named them *Coleoptera*, a Greek word meaning "sheath wings". Built like little armored tanks, beetles are well equipped to burrow in the soil, slip into the narrow cavities among stones and rotten logs, or tunnel under bark.





The Educators' Niche

by Liz Lyons, Conservation Education Consultant

Home School Special

Part II



What does the Missouri Department of Conservation offer for home schooling parents and their children? In Part I of this series (July issue, *Making Tracks*), we listed a number of programs and other materials available at the three main interpretive sites in the St. Louis region. "Home School Special; Part II" will discuss other educational services and resources available for home schooling parents.

Free Resources

Explore Missouri in a whole new way with our Discovery trunks, available at all of the St. Louis regional Missouri Department of Conservation sites. Your children will love seeing the skulls, tracks and furs of different Missouri mammals, playing with insect puppets, or counting the rings on real tree cross-sections. The trunks can be checked out for up to two weeks without a deposit. Call your nearest St. Louis MDC office for information on reserving trunks.

The Outdoor Teacher Resource Center in Souland has a wealth of information for educators. Not only does this facility have trunks and kits available for checkout, it also has videos, books and cabinets full of lesson plans. See the Outdoor Teacher box on this page for more information.

Free Consultation Services & Workshops

Did you know you have a Conservation Education Consultant at your disposal? All teachers in the state of Missouri, whether they teach in a public, private, parochial or home school, have a consultant available to assist them. Your consultant can help with your environmental educational needs such as resources, curriculum and training. To find out who your Conservation Education Consultant is, call the Outdoor Teacher Resource Center at (314) 231-3803.

Free Curriculum

The Missouri Department of Conservation publishes free environmental educational curriculum for all Missouri educators. There is curriculum available for each grade level (Pre-K through 12) as well as other materials such as color posters. To get a copy of our order form, call the Outdoor Teacher Resource Center in Souland at (314) 231-3803.

Free Periodicals

In addition to *Making Tracks*, there are two other publications that are available for Missouri educators. The *Missouri Conservationist* magazine is a monthly publication free to all Missouri residents. Each quarter, the magazine comes with a children's issue called *Outside In*, full of activities and articles just for kids. To start getting a copy of the *Missouri Conservationist*, call any of the local St. Louis offices and ask about subscribing.

the Outdoor Teacher



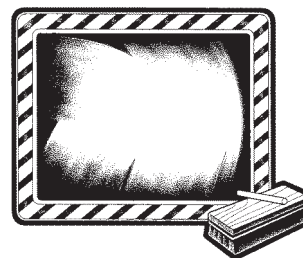
The Outdoor Teacher Education Resource Center

Hours:

Monday - Friday
8:00 a.m. - 5:00 p.m.
(closed 11:00 - Noon for lunch)
1926 S. 12th St.
St. Louis, MO 63104
(314) 231-3803

There is also a statewide educators' newsletter called *The Resource*. Published quarterly, it has great teaching tips, articles, and lesson plans for students of all ages. To subscribe to *The Resource*, call Barb Sandhagen at (314) 301-1500 ext. 2242.

There is so much available from the Missouri Department of Conservation. With free resources, curriculum, programs, consultation services and workshops, getting help with conservation education is easy!



BUSCH RANGE

Hours for August 2002:

10:00 a.m. - 4:00 p.m. Friday-Monday

2:00 p.m. - 8:00 p.m. Tuesday

Closed Wednesday & Thursday

For more information,

call (636) 441-4554 ext. 251

HENGES RANGE

Hours for August 2002:

2:00 p.m. - 8:00 p.m. Wednesday

10:00 a.m. - 4:00 p.m. Thursday-Sunday

Closed Monday & Tuesday,

Special Events & Holidays

For more information,

call (636) 938-9548



Making Tracks
Missouri Department of Conservation
2360 Hwy D
St. Charles, MO 63304
www.conservation.state.mo.us

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MO DEPT OF CONSERVATION

Effective July 1, 2002 Rockwoods Reservation will close its Education Center building for weekends during the months of July and August, and November through February. The area itself, including the picnic areas, trails and comfort station/restrooms will remain open seven days a week, year-round. The Education Center will be open seven days a week during all other months. Staff will continue to serve you by providing programs on a year-round basis.

Making Tracks

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Volunteer Milestones

Busch Conservation Area

Kathy Hellmann.....400 hours
Carol Price.....900 hours
Al Newman.....1500 hours
Mary Cunningham...1700 hours
Dot Niemeyer.....2400 hours

***Thanks for all your
effort and help!***

Powder Valley Nature Center

Jack McGinnis.....3700 hours
Tjaden Meyer.....1900 hours
Art Paule.....3400 hours
Ron Pohle.....800 hours
David Herreid.....100 hours
Christina Ritter.....500 hours

Rockwoods Reservation

Karen Kelly.....3100 hours
Joe Ritter.....350 hours
John Schroeder.....850 hours
Jim Westbury.....2200 hours